

Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon

Umavinagar, Jalgaon - 425 001, (M.S.) INDIA

#### **Research Section**

#### Ref.No. KBCNMU/11/Lab.Rcog./3228/2021

Date : 02/12/2021

Inward No.202 | -122160 -Date:-221 | 2/202 | File Name:- BSC Math Polt

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The Principal, JTE's Gitabai D. Mahajan Arts, Shri Kesharimal R. Navalkha Commerce & Manoharseth Dhariwal Science College, Jamner, Dist. Jalgaon-424206.

> Sub.: Recognition for Post Graduate Research Lab.. Ref. No. : your letter dated 23.10.2021

Dear Sir/Madam,

To,

With reference to the above subject and letter under reference, I would like to inform you that the University has communicated you an expert committee constituted under the Chairmanship of Prof. S. R. Chaudhari,KBCNMU,Jalgaon for the recognition of Post Graduate Research Lab. of your Institute, vide this office letter No.जा.क. उमवि/११/प्रयोगशाळा मान्यता/विज्ञान व तंत्रज्ञान/२८८६/२०२१, दि.३०.१०.२०२१. The committee has visited to your college on 26.11.2021. After verification of existing facilities, the committee unanimously recommended recognition for Research Lab. of your college. (A copy of the committee's report is enclosed herewith for your ready reference and compliance of the conditions/suggestions). and is vide Section 12 (7) of MPUA,2016, approved by Hon'ble Vice Chancellor.

In view of the decision taken by the Hon'ble Vice Chancellor on behelf of Academic Council, I am directed to inform you that the University has granted recognition to the Research Lab. of your Institute in the following subjects:

Sr. No.	Subject	Research students allowed	Period of recognition
1.	2.	3.	4.
01	Mathematics	Number of Students as Per KBCNMU and UGC Norms.	New 2021-22 to 2023-24

Please note that the above recognition is granted only for the years mentioned in the column No. 4 of the above statement. If you want renewal to this recognition or recognition to another subject except above, you will have to again submit the new proposal along with necessary fees as per rules.

Thanking you,

incerely, N. Talele) Dy.Registrar, Research

Encl.: a/a.

Z: \D\Ph.D -MTB\Science \Lab.Rec.Letter.doc **a**(O): 0257-2258409 (O): 0257-2257221 & 2257222 & 224 Fax: (91)-0257-2258403 & 2258406

Website : www.nmu.ac.in E-mail : pvcresearch@nmu.ac.in

#### Procedure for recognizing an institution as an approved Center

for

#### Post Graduate Research (Mathematics) LAB

#### Part-1

Information to be furnished by an Institution:

26/11/2021

a La sta	Name of College	G. D. M. Arts, K. R. N. Commerce and M. D. Science College, Jamner, Dist Jalgaon. Pin 424206.
A	The subject and/or its branch, if any, in which recognition for Post Graduate research is sought	Mathematics, Science and Technology
B	Approximate number of students to be registered by research in that subject for which recognition is sought	06 (As per University and UGC norms)
С	The names of the teachers recognized or recognizable for guiding Post Graduate research in that subject, together with their academic qualification, research experience and research publications.	Dr. A. R. Gotmare, Associate Professor Academic qualifications: M. Sc., Ph.D. Research experience: 15 years Publication: 20 Number of students registered: 02
D	Certificate by the Institution that optional freedom will be provided to the recognized research guide(s). Also necessary administrative & financial support, if needed, will be provided.	Yes (Appendix I)
E	Space available for research laboratory/ laboratories giving details of dimensions, furniture etc. for the exclusive use of the Post –Graduate research students.	<ul> <li>01 Class rooms (Dept of Maths) Dimension: 20ft x 25 ft, Furniture: 30 desk</li> <li>01 Research Lab cum office Dimension: 10 x 25 ft Furniture: Head table and Chair</li> <li>01 Seminar Hall Dimension: 10 ft x 25 ft, Furniture: 20 desk (Photos are attached herewith)</li> </ul>

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М	Information regarding recognition of the Institution by the Universities and the subjects in which such recognition has been granted.	G. D. M. Arts, K. R. N. Commerce and M. D. Science College, Jamner, Dist Jalgaon. Pin 424206. Subject: Mathematics
L	Details of consultancy and/or analytical services rendered by the concerned faculty. Provide details of revenues earned if any, in the last 5 years.	• NIL
k	Details of number of research projects submitted/sanctioned/ ongoing/ completed by the faculty in last 5 years.	• NIL
J	Details of number of conferences/ symposia/ workshop attended/ participated by concerned faculty in last 5 years.	<ul> <li>Participation in International conferences/ symposia / workshops - 06</li> <li>Participation in national conferences/ symposia/ workshops - 02</li> </ul>
1	Details of research work already done in last 5 years in that Institution in the subject for which recognition is sought along with a list of publication of research. Categorize in National, International, Conference proceeding, book chapters etc.	<ul> <li>International research publications: 06</li> <li>National research publications: 02</li> <li>Number of text books published: 15</li> <li>Paper presented in International/National Conferences: 06 (Appendix-II)</li> </ul>
н	Library facilities: A list of standard books & journals in the subject of research available and being subscribed in the library of the Institution.	<ul> <li>Books (text and reference) in the Central library:</li> <li>Journals: 02 (discontinued after 2018). (Signed list is attached herewith)</li> </ul>
G	Provision of recurring grant available for Post-Graduate research in the subject for which recognition is sought.	Yes (Undertaking by the Principal)
F	Apparatus and equipments available for the research in relation to the number of research students to be registered.	• 05 Computer, with Wi-fi facility, 01 Laptop, 01 LCD, 01 Printer, 02 Table and Chairs. (Photos are attached herewith)

#### Part-II

#### Instruction for the Institutes:

- 1. Whenever a recognized research teacher in any branch of research in the institute, that is recognized, is not available due to any reason, recognition will normally lapse.
- 2. It should be the duty of the recognized institution to report immediately to the University and change among the recognized staff.
- 3. A recognized Institute has to submit to the Registrar after every six month a progress report of research work done.

#### Strength:

- 1) College is conducting post graduate course in Mathematics
- 2) 01 Recognized Research guide in Mathematics is available
- 3) The college is having good infrastructure for teaching and learning in Mathematics
- 4) The library has adequate number of text books

Weak Point:

- 1) Less number of recognized guide for research and less teaching staff for post graduate course in Mathematics
- 2) Reference books for research in Mathematics are less.
- 3) Separate laboratory for research with adequate computing facilities and software are not available

**Recommendations:** 

- 1. More faculty should get recognized as research guide
- 2. At least 15-20 reference books (amounting Rs. 3.0 Lakh) per year related to research area must be purchased.
- 3. For research in mathematics a separate laboratory with additional 05 computers with internet facility and required software must be developed.
- 4. Separate allocation of about Rs. 5.0 Lakh per year in the college budget for research in Mathematics must be done.
- 5. However, based on the present strengths, the LIC recommend the research laboratory in Mathematics with details as follows:

3

Specific Branch of the Research: Duration of the recognition; Number of research students/ per branch of research: Mathematics (Science and Technology) 2021-2022, 2022-23 and 2023-2024.

As per UGC and KBCNMU, Jalgaon norms

Wincher 2021 Chairma

(Prof. K. F. Pawar) Committee Member

Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon

Umavinagar, Jalgaon - 425 001, (M.S.) INDIA

#### (Research Section)

Ref.No. KBCNMU/11/Research Center. Recog./ Comm&Mgmt / 0 5/2023

Date : 02.06.2023

Inward No.2023 1241 14 Date:-18 1 00/2023 File Name:- Aug Letter Orgatee0

#### To, The Principal/Director

Jamner Taluka Education Society's Gitabal Dattatraya Mahajan Arts, Shri Kesharimal Rajmal Navalkha Commerce and Manoharseth Dhariwal Science College, Jamner, Dist. Jalgaon.

> Sub.: Recognition as a "Research Center" (New) Ref:- Your letter dated 02.09.2022

#### Dear Sir/Madam,

With reference to the above subject and letter under reference, we would like to inform you that the University had communicated to you about the expert committee constituted under the **Chairmanship of Dr. R. J. Sardar, KBCNMU,Jalgaon**, for the recognition of Research Center of your Institute, vide this office letter No.जा.ह. कवयोउमवि/11/प्रयोगझाळा मान्यता/वाणिज्य /482/2023, दि.21.03.2023.The committee has visited to your Center on 21.04.2023. After verification of existing facilities, the committee unanimously recommended recognition for Research Center of your College/Institute (A copy of the committee's report is enclosed herewith for your ready reference and compliance of the conditions/suggestions). The report submitted by the committee for the recognition to your Research Center was placed before the Academic Council on its meeting held on 06/05/2023 and Academic Council vide its resolution No. वि.य.ए.-30/2023, दि.06.05.2023 recommended Research Center for the subject and period of recognition as mentioned below.

In view of the decision taken by the Academic Council, I am directed to inform you that the University has granted recognition to the new Research Center of your College/Institute in the following subjects for specified period and subject to compliance of the conditions as suggested by committee.

Sr. No.	Subject	Research students allowed	Period of recognition
1.	2.	3.	4.
01	Commerce & Manangement	Number of Students as Per KBCNMU and UGC Norms.	New 2023-24 to 2025-2026

After the expiry of the aforementioned recognition period if you wish to renew the recognition then you need to submit a fresh proposal and deposit the fee prescribed by the university from time to time.

Thanking you,

Sinderely,

**Talele** Dy. Registrar, Research

Encl.: a/a.

■ (O) : 0257-2258409 (O) : 0257-2257221 & 2257222 & 224 Fax : (91)-0257-2258403 & 2258406 Website : www.nmu.ac.in E-mail : pvcresearch@nmu.ac.in

#### KAVAYITRI BAHINABAI CHAUDHARI NORTH MAHARASHTRA UNIVERSITY, JALGAON

#### Format for verification of research center /research laboratories

1. Name of the Parent Educational Society which runs the Institute/ College; JTES, GDM Arts, KRN Commerce and MD Science College, Jammer Dist - Jalgaon

2. Name of the Institute/ College: GDM Arts, KRN Commerce and MD Science College, Jamner Dist - Jalgaon

3. College Information is as per application form : Yes

4. Approved Principal/ Director: Yes

5. Approved Liberian:

6. No of Recognised research guide : Commerce 03 (Total 13)

7. No. of sanctioned Non-teaching Staff for laboratories : 10

8. Name of Laboratories (For Research Activities): Commerce 01 ( Total 04 )

9. List of Major equipments available in College (Attach Separate Sheet): Yes

10. No. of Institution/university Any other Agency sponsored research projects completed during last three years (give details)

11. No. of Research Projects sent to Institution/university or other funding agencies for approval during the period of last three years (Give detail): Nil

12. No. of on- going Research Projects approved by Institution/university or other funding agencies, with details (Give details): -

13. List of students doing M. Phil. & Ph.D. under College teaching faculty in other research Center : Separate List Attached in Prescribed Format

14.No. of Seminar/Workshop/Conference attended by the research guides of the College during the last three years:

International Level: 18 National Level: 28 Regional: University: 04 State: 07

15. No. of Research papers & Books published by the Teachers of the College during the last three years:

a. International Level: 20 b. National Level: 27

16. Are physical facilities available with adequate furniture in the Institute/ College: Yes

17. Are Library Facilities available for research center: Yes

18. Are the Computer facilities available for research center in college: Yes

19. Are the college have Organized National level / State level / University level Seminar / Workshop / Symposia / conference by the concerned Subject: -

20. Are any Projects undertaken by the Institute / College faculties in concerned Subject: Yes

21. Main Observation :

- a) There are three research guides are in Commerce and management and 09 Students are registered under their guidance.
- b) RAC Committee is constituted and regular meetings are conducted.
- c) 93 Books of research methodology is available.
- d) 09 Research journals are subscribed.
- e) Inflibnet (UGC) and NLIST Software are also subscribed.

22. Conditions if any:

- a) Research guide should apply for research project.
- b) 5 dedicated computers should be earmarked for research lab.
- c) Software for detecting plagiarism should be made available.
- d) SPSS software should be made available.

23. Recommended / Not Recommended : Recommended

Signature of Verification Authority :

1) Prof. Dr. R. J. Sardar ( Chairman )

Rendon 21/4/2023

2) Prof. Dr. Shyam J. Salunkhe (Member)

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3) Dr. Mrs. Rashmi Sharma (Member)



Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon

Umavinagar, Jalgaon - 425 001, (M.S.) INDIA

#### **Research** Section

Ref.No. KBCNMU/11/Lab.Rcog./3173/2021

Date : 29/11/2021

10:-11/12/2021

ward No.2021 - 122155

Filo Name: - Research Lab

Physics

To, The Principal,

JTE's Gitabai D. Mahajan Arts, Shri Kesharimal R. Navalkha Commerce & Manoharseth Dhariwal Science College, Jamner, Dist. Jalgaon-424206.

> Sub.: Recognition for Research Lab.(Center). Ref. No. : your letter dated 28.09.2021

Dear Sir/Madam,

With reference to the above subject and letter under reference, I would like to inform you that the University has communicated you an expert committee constituted under the Chairmanship of Dr. P. D. Dalal, Arts, Commerce & Science College, Raver for the recognition of Recognition for Research Lab. (Center). of your Institute, vide this office letter No.जा.क. उपवि/११/प्रयोगशाळा पान्यता/विज्ञान व तंत्रज्ञान/२७९४/२०२१, दि.२२.१०.२०२१. The committee has visited to your college on 26.11.2021. After verification of existing facilities, the committee unanimously recommended recognition for Research Lab. of your college. (A copy of the committee's report is enclosed herewith for your ready reference and compliance of the conditions/suggestions). and is vide Section 12 (7) of MPUA,2016, approved by Hon'ble Vice Chancellor.

In view of the decision taken by the Hon'ble Vice Chancellor on behelf of Academic Council, I am directed to inform you that the University has granted recognition to the Research Lab. of your Institute in the following subjects:

Sr. No.	Subject	Research students allowed	Period of recognition
1.	2.	3.	4.
01	Physics	Number of Students as Per KBCNMU and UGC Norms.	New 2021-22 to 2023-24

Please note that the above recognition is granted only for the years mentioned in the column No. 4 of the above statement. If you want renewal to this recognition or recognition to another subject except above, you will have to again submit the new proposal along with necessary fees as per rules.

Thanking you,

sincerely.

(V.V. Talele) Dy.Registrar, Research

Encl.: a/a.

∠ \D \Ph.D -MTB \Science \Lab.Rec.Letter.doc
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## North Maharashtra University, Jalgaon KavyitriBahinabaiChaudhari

# GitabaiDattatraya Mahajan Arts, Shri KesharimalRajmalNavalkha Commerce and ManoharsethDhariwalScience College, Jamner

Procedure for recognizing an institution as an approved Center for Post Graduate Research (Physics) LAB 26 11 2021

Information to be furnished by an Institution:

Part-I

	Name of College	G.D.M. Arts, K.R.N. Commerce and M. D. Science college, Jamner
<	The subject and/or its branch, if any, in which recognition for Post Graduate research is sought	Physics
В	Approximate number of students to be registered by research in that subject for which recognition is sought	22
O	The names of the teachers recognized or recognizable for guiding Post Graduate research in that subject, together with their academic qualification, research experience and research publications.	<ol> <li>Dr. R. S. Khadayate (Professor) M. Sc. Ph.D.</li> <li>M. Sc. Ph.D.</li> <li>Research experience 22 years Publication -29</li> <li>Number students awarded Ph.D 01</li> <li>Number of students registered - 05</li> <li>2.Dr. R. H. Bari (Associate Professor)</li> <li>M.Sc. Ph.D.</li> <li>Research experience 22 years Publication - 56</li> <li>Number students awarded Ph.D 03</li> </ol>
D	Certificate by the Institution that optional freedom will be provided to the recognized research guide(s). Also necessary administrative & financial support, if needed, will be provided.	Yes (Appendix I)

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E	Space available for research laboratory/ laboratories giving details of dimensions, furniture etc. for the exclusive use of the Post –Graduate research students.	• Dimensions –
F	Apparatus and equipments available for the research in relation to the number of research students to be registered.	<ul> <li>Sufficient numbers of equipments are available for samples preparation in the form of thin or thick films such as Spray Pyrolysis System, Spin coating unit, Screen printing set up, Sol gel method set up</li> <li>Gas sensing unit, Gas sensing unit for room temperature, Muffle furnace, Humidity sensing unit, Four probe set up, Pico ammeter, stabilized power supply, TEP measurement set up and KBR press etc. are also are available in the Labrotary.</li> <li>Some high end and characterization equipments are available in central instrumentation laboratory of the college like FTIR, UV, etc. (Appendix II)</li> </ul>
3	Provision of recurring grant available for Post-Graduate research in the subject for which recognition is sought.	YesProvision is done.
ł	Library facilities: A list of standard books & journals in the subject of research available and being subscribed in the library of the Institution.	<ul> <li>Number of books in the central library – 901</li> <li>Number of books in the departmental library – 50 + 31= 81</li> <li>Number of Journal in printed form – 03</li> <li>(Appendix III)</li> </ul>

	Details of research work already done in last 5 years in that Institution in the subject for which recognition is sought along with a list of publication of research. Categorize in National, International, Conference proceeding, book chapters etc.	<ul> <li>International research publications - 10</li> <li>National research publications -00</li> <li>Paper published in conference proceedings -03</li> <li>Number of books in International publishing co00</li> <li>Number of text books published -25</li> <li>Paper presented in International/National Conferences -05</li> <li>(Appendix IV)</li> </ul>
J	Details of number of conferences/symposia/workshop attended/participated by concerned faculty in last 5 years.	<ul> <li>Participation in International conferences/ symposia / workshops - 05</li> <li>Participation in national conferences/ symposia/ workshops -04</li> <li>(Appendix V)</li> </ul>
k	Details of number of research projects submitted/sanctioned/ ongoing/ completed by the faculty in last 5 years.	• NIL
L	Details of consultancy and/or analytical services rendered by the concerned faculty. Provide details of revenues earned if any, in the last 5 years.	• NIL
м	Information regarding recognition of the Institution by the Universities and the subjects in which such recognition has been granted.	• Physics

#### Part-II

#### Instruction for the Institutes:

- 1. Whenever a recognized research teacher in any branch of research in the institute, that is recognized, is not available due to any reason, recognition will normally lapse.
- 2. It should be the duty of the recognized institution to report immediately to the University and change among the recognized staff.
- 3. A recognized Institute has to submit to the Registrar after every six month a progress report of research work done.

Strength:

- 1. One major Research project and five minor research projects are completed up to 2013.
- 2. Research facility like Spray Pyrolysis, Gas Sensing System and Spin Coating System is available.
- 3. Infrastructure facilities are available.
- 4. Five Research Students are perusing their Ph.D. under the guidance of Prof. Dr. R. S. Khadayate.

Weak Point:

1. Research laboratory should be separately constructed.

Recommendations:

Post graduate research center is recommended for the academic year 2021-2022 to 2023-2024 on following conditions;

- 1. Separate computer with essential software should be made available.
- 2. Research Books & Journals up to Rs. 50000/- should be purchased.

Date of Visit: 26/11/2021 Time: 10:00 am

with here.

(Dr. K. G. Kolhe) Committee Member Chairman

(Prof. P. V. Dalal)

#### Key Indicator - 7.3 Institutional Distinctiveness

### 7.3.1 Portray the performance of the Institution in one area distinctive to its priority and thrust







**Rubella Vaccination Camp** 







Medical check Camp







**Covid Vaccination Camp** 



Swachhata Abhiyan









**Rangoli Competition** 









Students and faculty participation in Aviskar









**Cross country team** 





**Achievements in Sports** 









**Poster Gallary** 





**Department of NCC** 













**ICT Lectures** 

#### **Best Practices**







University level student seminar

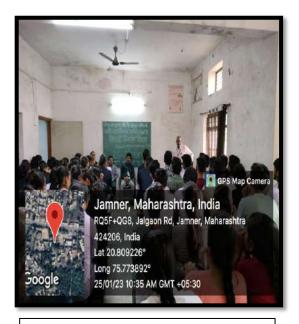




#### Agniveer Bharati purva training camp



**Career oriented program** 



Voters Awareness camp